## DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-814 REV. C AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-814 REV. 2 OR LATER APPROVED REVISIONS **REF TCCA STC: SH12-37** 

#### 1.0 **PURPOSE**

This Dart Service Instruction (DSI) provides a hardware update to the D412-814-019 Crew Door with DART S/N S168968. The crew door should be installed per IIN-D412-814 and maintained per ICA-D412-814. However, window fasteners and door latch fasteners have changed as outlined in this service instruction.

#### PARTS LIST, REPLACEMENT PARTS (D412-814-019 S/N 168968 ONLY) 2.0

The replacement latch mechanism hardware for D412-814-019 S/N 168968 is the D412-814-111 kit. The part list in section 6.0 (pg. 28) of IIN-D412-814 Rev C and section 52.15 (pg. 36) of ICA-D412-814 Rev 2 is modified as shown below. See Figure 1 of this service instruction for reference.

QTY -111	QTY -112	QTY -121	QTY -122	PART NUMBER	DESCRIPTION
х				D412-814-111	LH REPLACEMENT LATCHING MECHANISM (DART DOOR)
	х			D412-814-112	RH REPLACEMENT LATCHING MECHANISM (DART DOOR)
		X		D412-814-121	LH REPLACEMENT HINGES
			х	D412-814-122	RH REPLACEMENT HINGES

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2		MS24694-S56	SCREW, COUNTERSUNK

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2		MS24694-S4	SCREW, COUNTERSUNK
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**CANADA** DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION **BRANCH** DAO # 01-O-01



19.04.03 DATE: CERT. NO.: SH12-37 **ISSUE NO.:** 

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CHECKED	CP	DRAWING NO.	REV. A		
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## 3.0 PARTS LIST, WINDOW KITS (D412-814-019 S/N 168968 ONLY)

The replacement bubble window for D412-814-019 S/N 168968 is the D412-814-219 kit. The part list in section 7.0 (pg. 29) of IIN-D412-814 Rev C and section 52.16 (pg. 37) of ICA-D412-814 Rev 2 is modified as shown below. See Figure 2 of this service instruction for reference.

QTY -211	QTY -212	QTY -213	QTY -214	QTY -215	QTY -216	QTY -217	QTY -218	QTY -219	QTY -220	PART NUMBER	DESCRIPTION
X					-					D412-814-211	LH REPLACEMENT STANDARD FLAT WINDOW KIT
	х									D412-814-212	RH REPLACEMENT STANDARD FLAT WINDOW KIT
		x								D412-814-213	LH REPLACEMENT HALF HEIGHT COMFORT WINDOW KIT
			х							D412-814-214	RH REPLACEMENT HALF HEIGHT COMFORT WINDOW KIT
				х						D412-814-215	LH REPLACEMENT HALF HEIGHT BUBBLE WINDOW KIT
					X					D412-814-216	RH REPLACEMENT HALF HEIGHT BUBBLE WINDOW KIT
						х				D412-814-217	LH REPLACEMENT FULL HEIGHT COMFORT WINDOW KIT
			-			 	х			D412-814-218	RH REPLACEMENT FULL HEIGHT COMFORT WINDOW KIT
					-			х		D412-814-219	LH REPLACEMENT FULL HEIGHT BUBBLE WINDOW KIT
								_1_	х	D412-814-220	RH REPLACEMENT FULL HEIGHT BUBBLE WINDOW KIT

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				27	AN3-6A	BOLT
				1	AN526-832R14	SCREW
				29	NAS1149D0332J	WASHER
				1	NAS1149DN832J	WASHER
				_1		

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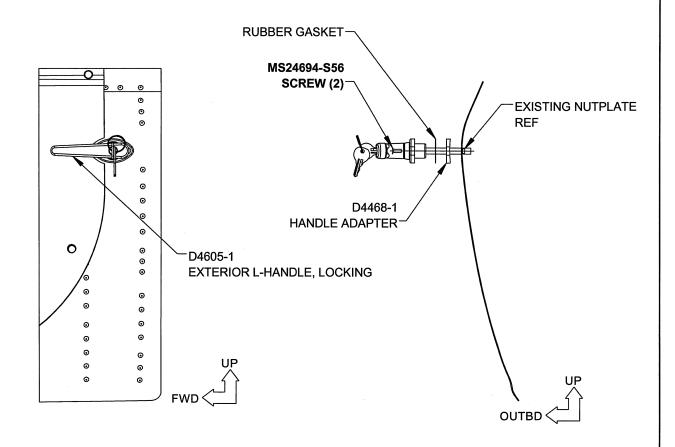
				_\_		
		-		28	AN3-6A	BOLT
				30	NAS1149D0332J	WASHER
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### 4.0 WEIGHT AND BALANCE:

There is no weight and balance change associated with this service instruction.

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# FIGURE 1 - D412-814-111 REPLACEMENT LATCHING MECHANISM FOR D412-814-019 S/N 168968 ONLY

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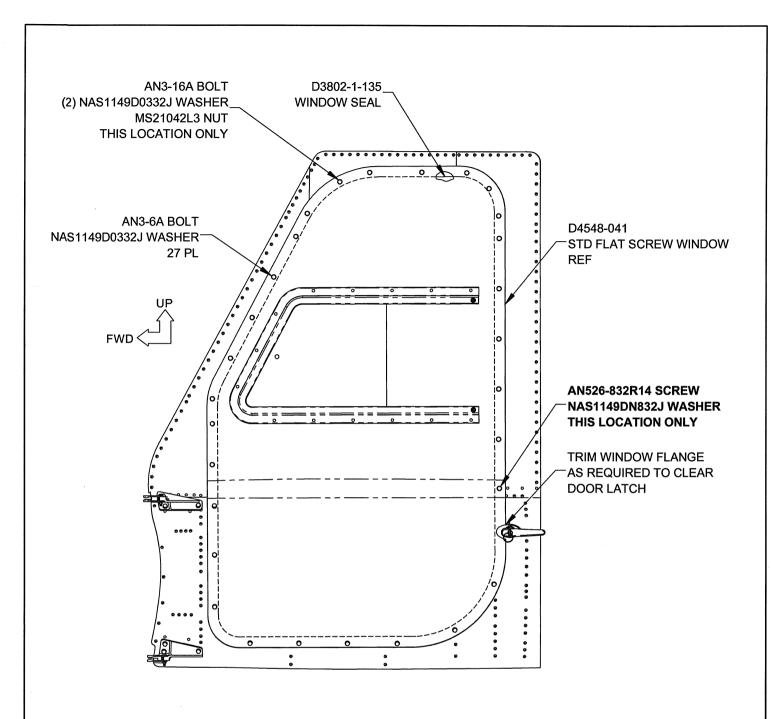


FIGURE 2 - D412-814-219 REPLACEMENT BUBBLE WINDOW KIT FOR D412-814-019 S/N 168968 ONLY

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